

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference LW8043PC	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/KR 03/00349	International filing date (day/month/year) 20 February 2003 (20.02.2003)	(Earliest) Priority Date (day/month/year) 26 July 2002 (26.07.2002)
Applicant SAMSUNG ELECTRONICS CO. LTD.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (See Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.: 6

☐ as suggested by the applicant.

☐ None of the figures.

☐ because the applicant failed to suggest a figure.

☒ because this figure better characterizes the invention.

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International application No.
PCT/KR 03/00349-0

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

There are provided a backlight assembly (700) and an LCD device (1000) using the same. The backlight assembly (700) has an optical sheet (100) for improving light efficiency and optical properties thereof and an elastic adhesive member (130) disposed on the optical sheet (100). When the optical sheet (100) deforms with heat, the elastic adhesive member (130) may be expanded or contracted corresponding to deformation of the optical sheet (100) and absorb impact applied to LCD device. Accordingly, the backlight assembly (700) may prevent the optical sheet (100) from being wrinkled or scratched, thereby preventing display quality of the LCD device from being deteriorated.

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CLASSIFICATION OF SUBJECT MATTER

IPC⁷: G02F 1/13357, 1/1335

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: G02F, F21V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6175396 B1 (KIM et al.) 16 January 2001 (16.01.01) <i>abstract; col. 1, line 65 - col. 2, line 7; col. 6, line 28 - col. 8, line 44; fig. 1-3C.</i>	1,6,7,9
A	US 2001/0024248 A1 (KIM). 27 September 2001 (27.09.01) <i>fig.3-7; [0038]; [0043] - [0044].</i>	1,9
A	US 6409356 B1 (NISHIMURA) 25 June 2002 (25.06.02) <i>col. 2, line 61 - col. 3, line 44; fig. 1-3B.</i>	1,9

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

„A“ document defining the general state of the art which is not considered to be of particular relevance

„E“ earlier application or patent but published on or after the international filing date

„L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

„O“ document referring to an oral disclosure, use, exhibition or other means

„P“ document published prior to the international filing date but later than the priority date claimed

„T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

„X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

„Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

„&“ document member of the same patent family

Date of the actual completion of the international search

11 June 2003 (11.06.2003)

Date of mailing of the international search report

12 August 2003 (12.08.2003)

Name and mailing address of the ISA/AT

Austrian Patent Office

Dresdner Straße 87, A-1200 Vienna

Facsimile No. 1/53424/535

Authorized officer

GRONAU E.

Telephone No. 1/53424/320

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR 03/00349-0

Patent document cited in search report				Publication date		Patent family member(s)		Publication date
US	AA	01002424	31-05-2001	AT	E	234314		15-03-2003
				AU	A1	50300/99		24-01-2000
				CA	AA	2336568		13-01-2000
				CN	T	1308633		15-08-2001
				DE	C0	69905894		17-04-2003
				EP	A1	1095049		02-05-2001
				EP	B1	1095049		12-03-2003
				IL	A0	140488		10-02-2002
				JP	T2	03508344		04-03-2003
				WO	A1	00001707		13-01-2000
US	BA	6175396	16-01-2001	JP	A2	11281966		15-10-1999
				KR	B1	258839		15-06-2000
				TW	B	466360		01-12-2001
US	BA	6409356	25-06-2002	DE	A1	19929792		03-02-2000
				JP	A2	00019515		21-01-2000
				JP	B2	3119241		18-12-2000
				KR	A	00011367		25-02-2000